Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Monday 22 Feb 2021 until 23:59 on Tuesday 23 Feb 2021

Forecast Issued on Sunday 21 Feb 2021 at 11:26

Confidence: Low for timing of clearance and amounts of rain on Monday, but high for drier, windy conditions on Tuesday. Low from Wednesday onwards for position of rain areas across the UK.

Headline for Monday 22 Feb 2021: Outbreaks of light rain clearing late morning, then drier and brighter in afternoon. Mild.

Mountain weather hazards on Monday 22 Feb 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Cloudy	Sunny intervals	Sunny intervals	Sunny	Clear night	Partly cloudy (night)
Precipitation probability							
60%	70%	20%	<05%	10%	00%	00%	00%

Forecast for Monday 22 Feb 2021

Weather: Cloudy and rather murky with rain overnight, though the northwest may stay dry. Rain soon dying out in morning and becoming drier and brighter sunny spells in the afternoon. Dry with clear spells in evening.

Chance of cloud free mountain/hill tops above 800m: 30% overnight and in early morning, then 80%.

Visibility: Areas of cloud down to 500-700m overnight and at first in morning. Cloud lifting and breaking through the morning, with visibility becoming good at all levels, but poor in any mist and fog in evening.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Monday 22 Feb 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	18/23 S	15/19 SW	14/18 S	13/16 S	12/17 SW	11/16 SW	16/21 S	21/28 S	29/39 S
600	15/21 S	12/16 SW	11/15 S	10/13 SW	11/16 SW	10/15 SW	13/19 S	19/28 S	24/36 S
300	5/16 S	4/13 S	4/12 S	4/11 S	5/12 SW	5/12 SW	5/15 S	8/21 S	9/26 S
Valley	5/14 SW	4/11 SW	4/9 S	4/9 SW	5/10 SW	6/11 SW	6/14 S	7/19 SE	10/22 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	2/-4	1/-4	1/-4	1/-4	1/-3	2/-3	0/-5	1/-6	0/-7
600	4/-1	3/-1	3/-1	3/-1	4/-0	4/0	2/-2	2/-3	2/-4
300	5/4	5/4	5/3	5/3	6/4	6/5	4/1	3/0	4/-0
Valley	7/6	7/5	7/5	7/5	8/6	8/7	6/4	6/3	6/3
Freezing Level*	1100m	1000m	1000m	900m	900m	800m	800m	900m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Mild with light winds and quite pleasant out on the fells, though cooler at height with a little chill and rather soggy ground in places after rain.

Forecast for Tuesday 23 Feb 2021

Weather: Dry with clear spells in early hours but cloud amounts increasing. Cloud thickening in morning with patchy rain soon developing. Rain becoming heavy and prolonged by the afternoon, then wet for the rest of the day.

Maximum wind: South or SW 35-45 gust 55mph, increasing 55-65 gust 80mph at height in the morning.

Chance of cloud free mountain/hill tops above 800m: 90% in early hours, 60% by daybreak. Falling to 10% or less through the morning.

Visibility: Mainly good overnight and at first Tuesday, but cloud becoming extensive in morning and lowering to 400-500m bringing poor or very poor visibility even beneath the cloud with heavy rain.

Temperature: **Valleys:** Plus 7C rising to 11C.
At 800m: Plus 1C rising to 4C.
Freezing level: Close to summits in early hours then rising.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Sunday 21 February, Location: Helvellyn summit at 13:40. Full report: We are continuing to provide the Fell Top Reports for people undertaking their daily local exercise during the lockdown. We would like to remind everyone that Government guidance stipulates that people should only exercise locally to where they live. Torrential rain at all levels overnight has meant that snow melt has been pretty dramatic. The Lake District fells and most paths are now generally clear of snow. The remaining patches can be found on N through E aspects above 800m. The snow is generally soft apart from where it has been compressed by walkers feet. Additionally there are still some large areas of sheet ice to contend with. On Monday the freezing level is forecast to drop to 900m so much of this snow will refreeze and full winter equipment will be required by anyone venturing onto the snow - either by choice or necessity. With careful route choice Striding Edge can now be climbed without setting foot on snow with a clear line up the headwall on climbers left. This can be tricky to find in descent. The easier lines on the northern flank of the ridge are still very snowy / icy and hillgoers should always be prepared to deal with these conditions. Swirral Edge is still pretty wintery and the extra security of an ice axe, microspikes and or crampons will be appreciated by most walkers especially as the snow pack refreezes. There are still some large and unstable cornices above N through E aspects which are slumping in the warmer temperatures. Please give them a wide berth and advise others with less experience to do likewise. As a result of the winters freeze thaw action there is now also a lot of loose rock on the fells including on popular routes such as the Helvellyn edges. Please be conservative with your plans and know both your limits and also when to turn back. Temperature: plus 2.8C. Maximum wind speed 25.9mph. Wind chill: minus 3.9C. Average wind speed: 18.5mph.

Issued at: 1730 on Sun 21 Feb 2021

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